**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1 (canceled).

2 (previously presented). The server of claim 4, wherein the request for data comprises a TCP/IP formatted request.

3 (canceled).

4 (currently amended). A network server attached to a network and configured to receive a request from a client over the network, the server comprising:

a parser configured to identify a network portion of the request and a data portion of the request;

a verifier configured to receive the network portion of the request identified by the parser and, responsive thereto, to verify the integrity of the request;

an application program configured to receive the data portion of the request identified by the parser and, responsive thereto, to retrieve the requested data;

wherein the server is configured to execute the parser and the application program simultaneously and further wherein the server is configured to abort the retrieval of the requested data responsive to detecting a fault in the network portion;

wherein the network portion includes the TCP and IP headers of the request; and

wherein the data portion comprises the application layer header of the request and the data

wherein the server includes a network interface card with an embedded processor, and wherein the verifier executes on the embedded processor while the application program executes on a server processor.

5 (original). The server of claim 4, wherein the application layer header comprises an HTTP header.

6 (canceled).

7 (canceled).

8 (canceled).

9 (previously presented). The method of claim 11, wherein the request for data comprises a TCP/IP formatted request.

10 (original). The method of claim 9, wherein the network portion includes the TCP and IP headers of the request.

11 (currently amended). A method of processing information in a computer network, comprising:

responsive to receiving by a server a request for data from a client connected to the network, parsing the request into a network portion and a data portion;

processing, using unconditionally a processor embedded on a network interface card of the server, the network portion to verify the integrity of the request while processing, using unconditionally a server processor, the data portion to retrieve the requested data; and

responsive to verifying the network portion, sending the requested data to the client;

wherein the data portion comprises the application layer header of the request and the data.

12 (original). The method of claim 11, wherein the application layer header comprises an HTTP header.

13 (previously presented). The method of claim 11, further comprising, responsive to detecting a fault in the network portion, aborting the request.

14 (canceled).

15 (previously presented). The system of claim 17, wherein the request for data comprises a TCP/IP formatted request.

16 (previously presented). The system of claim 15, wherein the network portion includes the TCP and IP headers of the request.

17 (previously presented). A data processing network, comprising:

a client attached to the network and configured to issue a request for data over the network; and

a server attached to the network and configured to receive the request, the server including:

a parser configured to identify a network portion of the request and a data portion of the request;

a verifier configured to receive the network portion of the request identified by the parser and, responsive thereto, to verify the integrity of the request;

an application program configured to receive the data portion of the request identified by the parser and, responsive thereto, to retrieve the requested data; and

wherein the server is configured to execute the parser and the application program simultaneously and further wherein the server is configured to abort the retrieval of the requested data responsive to detecting a fault in the network portion

wherein the data portion comprises the application layer header of the request and the data;

wherein the server includes a network interface card with an embedded processor, and wherein the verifier executes on the embedded processor while the application program executes on a server processor.

18 (original). The system of claim 17, wherein the application layer header comprises an HTTP header.

19 (canceled).

20 (canceled).

21 (new). A network server for processing an HTTP request for client data, the request being received from a client connected to a network, comprising:

a network interface card connected to the network;

a frame parser on the network interface card for parsing the data request into a network portion and a data portion;

an embedded processor means on the network interface card for verifying frames by receiving the network portion of the data request and, responsive thereto, determining whether the data request was intended for receipt by the server and whether the data request contains any errors;

a main processor means on the server and connected to the network interface card for receiving the data portion and, responsive thereto, retrieving the client data; and

a control connect between the embedded processor means and the main processor means for transmitting a signal from the embedded processor means to the main processor means which terminates main processor retrieving of the client data.

22 (new). The network server of claim 21, wherein the data portion includes an HTTP header of the request and further wherein the network portion includes the entire data request such that both the network portion and the data portion include the HTTP header.